

XP-002200711

AN - 1993-088882 [11]

A - [001] 014 04- 06- 07& 07- 075 08- 09& 09- 10& 10- 139 140 141 143 144
15- 151 18& 185 189 19- 20- 226 229 23& 231 252 253 273 308 309 310
311 335 44& 481 52& 609 623 629 654 721 722 723

AP - JP19910187488 19910726

CPY - AISI

DC - A88 L02 Q63

DR - 1510-U 1521-U 1541-U 1544-U 1550-U 5007-U 5023-U 5059-U 5060-U 5086-U
5099-U 5311-U 5333-U

FS - CPI;GMPI

IC - C09K3/14 ; F16D69/02

KS - 0011 0016 0034 0035 0037 0045 0057 0069 0072 0075 0105 0132 0183 0205
0224 0231 1276 1277 1282 1283 1291 1737 1982 1990 2213 2215 2216 2218
2219 2220 2524 2682 3283

MC - A12-H10 A12-T04C L02-F

PA - (AISI) AISHIN KAKO KK

PN - JP5032956 A 19930209 DW199311 C09K3/14 005pp

PR - JP19910187488 19910726

XA - C1993-039584

XIC - C09K-003/14 ; F16D-069/02

XP - N1993-067625

AB - J05032956 Friction material comprising fibrous material(s), binder and other additives contains: 1-15 wt.% of organic fibre (A); less than 10 wt.% of carbonaceous component like graphite; 2-40 wt.% of inorganic hydrate cpd. (C) having Moh's hardness of less than 5; and 2-20 wt.% of nonmetallic inorganic cpd. (D) having Moh's hardness of 3-9.

- Examples of (A) are polyester, rayon, aramid, C and phenol resin fibres. (B) may be one or mixt. of more than one from talc, kaolin, mica, serpentine and sepiolite. Examples of (C) are MgO, ZrO₂, alumina, alumina fibre, Ca silicate, K titanate whisker and rock wool. The material may contain 1-30 wt.% of powder and/or fibre of non-ferrous metal like Cu, bronze and brass and metal fibre like steel fibre and copper fibre in addn. to organic fibre. Examples of binder are phenol, melamine and epoxy resins and their modified derivs.

- USE/ADVANTAGE - The friction material is suitable for mfg. brake pads and clutch facings of automobiles and industrial cars. The material does not cause uneven wear and is effective for reducing generation of low frequency noise, e.g. noise of less than 5000 Hz or 1500(Dwg.0/0)

IW - FRICTION MATERIAL CONTAIN NO ASBESTOS CONTAIN ORGANIC FIBRE
CARBONACEOUS COMPONENT GRAPHITE INORGANIC HYDRATE COMPOUND NON
METALLIC INORGANIC COMPOUND SUIT MANUFACTURE BRAKE PAD

IKW - FRICTION MATERIAL CONTAIN NO ASBESTOS CONTAIN ORGANIC FIBRE
CARBONACEOUS COMPONENT GRAPHITE INORGANIC HYDRATE COMPOUND NON
METALLIC INORGANIC COMPOUND SUIT MANUFACTURE BRAKE PAD

NC - 001

OPD - 1991-07-26

ORD - 1993-02-09

PAW - (AISI) AISHIN KAKO KK

TI - Friction material contg. no asbestos, etc. - contains organic fibre, carbonaceous component e.g. graphite, inorganic hydrate cpd. and non-metallic inorganic cpd.. suitable for mfg. brake pads, etc.